

# Field Definitions, Codes, and Edits

PedNSS User's Guide



August 2004

# **RECORD DESCRIPTORS**

# 1. State

Record Positions 1–2  
Critical Field

## Definition

This is the two-letter U.S. Postal Service designation for the state or U.S. territory. For tribal governments, this field and the next field, Substate, are combined to identify the tribal government within the state. This field is critical; records are rejected if values for this field are missing or invalid.

Rationale: This field is used to identify the state, territory, or tribal government in order to produce respective yearly statistics.

## Codes

### Acceptable Values

See list in Appendix A.

Example: Michigan would be recorded like this:

M	I
1	2

## Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report. This field and the next field, Substate, are combined by CDC into a single variable.

<b>Critical Errors:</b>	Records rejected if values for this field are missing or mis-coded (field contains all zeroes, or State and Substate do not match values on the contributor's PNSS/PedNSS code file submitted to CDC).
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	Not applicable to this field.
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 2. Substate

Record Position 3  
Critical Field

### Definition

In conjunction with the prior field, this field identifies tribal governments and can be used to identify data from large independent programs within states that should be analyzed separately from other data submitted by a state. Contributors should develop coding for this field in conjunction with CDC. This field is critical; records are rejected if values for this field are missing or invalid.

Rationale: This field is used to identify tribal governments and large, independent programs in order to produce yearly statistics for these entities.

### Codes

#### Acceptable Values

Alpha-numeric as assigned in conjunction with CDC. States and territories that do not have different, large, independent programs submitting data to the PedNSS should code '8'.

Example: If Michigan does not have different, large, independent programs submitting data to the PedNSS, Substate would be recorded like this:

———  
8  
———  
3

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report. This field and the prior field, State, are combined by CDC into a single variable.

Critical Errors:	Records rejected if values for this field are missing or mis-coded (field contains zero as a value, or State and Substate do not match values on the contributor's PNSS/PedNSS code file submitted to CDC).
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	Not applicable to this field.
Low/High Standard Deviations:	Not applicable to this field.



### 3. Clinic/School

Record Positions 4–12  
Core Field

#### Definition

Enter the unique identification code for the clinic/school collecting the PedNSS information. Clinic/school codes are determined by the PedNSS contributor and provided to CDC as part of the contributor's PNSS/PedNSS code file. Update the PNSS/PedNSS code file when new clinics/schools are added, old clinics/schools are deleted or revised, or clinic/school names are revised. Submit the code file to CDC, ideally with each PedNSS file.

Rationale: This field is used to identify the clinic/school in order to produce yearly statistics for clinics/schools.

#### Codes

##### Acceptable Values

Assigned by the nutrition director or other designated coordinator.  
Must be alpha or numeric. Right justify and pad with leading zeroes.

All blanks = Unknown

Example: If the clinic/school code is 00567, it would be recorded like this:

0	0	0	0	0	0	5	6	7
4	5	6	7	8	9	10	11	12

#### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records.
Mis-codes:	Clinics/schools not on contributor's PNSS/PedNSS code file submitted to CDC.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	Not applicable to this field.
Low/High Standard Deviations:	Not applicable to this field.

## 4. Zip Code

Record Positions 13–17  
Supplemental Field

### Definition

This field indicates the five digit Post Office zip code in which the child's residence is located. If the child does not have a physical address, but has a Post Office box address, enter the Post Office box zip code.

Rationale: This field permits statistical analysis of health and nutritional status indicators by zip code and related geographic information systems (GIS) mapping.

### Codes

#### Acceptable Values

Five digit Post Office zip code  
All blanks or all 9s = Unknown

Example: If a child's residence is located at zip code 13060, it would be recorded like this:

1	3	0	6	0
13	14	15	16	17

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records (if contributor submits data for this field).
Mis-codes:	Field contains all zeroes or non-numeric characters, excluding blanks.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	Not applicable to this field.
Low/High Standard Deviations:	Not applicable to this field.

## 5. Source of Data

Record Position 18  
Core Field

### Definition

This numeric code indicates the type of program that is collecting the PedNSS information. If none apply, use code 7 or 8.

Rationale: This field is used to identify the source of the surveillance data and to generate statistics by specific program (e.g., the Special Supplemental Nutrition Program for Women, Infants, and Children or WIC).

### Codes

#### Acceptable Values

1	=	WIC
2	=	EPSDT (Early and Periodic Screening, Diagnostic and Treatment Program services)
3	=	Child Health–MCH (Title V maternal and child health services)
4	=	Child Health–HMO (health maintenance organization)
5	=	Head Start
6	=	School Health
7	=	Other special code unique to contributor
8	=	Other special code unique to contributor
Blank or 9	=	Unknown

Example: WIC should be recorded as:

1

18

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records.
Mis-codes:	Values other than acceptable as listed above; zero values listed separately in report.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Date of Visit, Date of Birth, and this field are compared. Source of Data =1 (WIC) and age of child is >60 months.
Unusual Data Distributions:	Not applicable to this field.
Low/High Standard Deviations:	Not applicable to this field.

## 6. Record Type

Record Position 19  
Core Field

### Definition

PedNSS records can contain data that are recorded at clinic visits during which standard health and nutrition *screening or assessment* data are recorded, as well as clinic visits when only some *updated* health and nutritional data are recorded. This field identifies these record types. Both screening and update records must contain data not previously reported to the PedNSS.

Rationale: Since some PedNSS records may not contain all of the customary PedNSS data, this field is used to differentiate these records when evaluating PedNSS data quality, particularly missing data.

### Codes

#### Acceptable Values

- S** = **Screening** record (contains information from a clinic visit when the child receives a standard health and nutrition screening or assessment during which anthropometric, hematologic, and other nutrition-related measures are made and reported). This includes routine child health periodicity visits and WIC certification visits.
- U** = **Update** record (contains information from a clinic visit when some anthropometric *or* hematologic measures are made *or* when breastfeeding status is reassessed).
- Blank or 9 = Unknown

Example: A PedNSS record stemming from an infant's visit to a WIC clinic between certification visits, during which only his or her breastfeeding status is reassessed, would be recorded like this:

      
U  
    

19

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records.
Mis-codes:	Values other than acceptable as listed above; zero values listed separately in report.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	Not applicable to this field.
Low/High Standard Deviations:	Not applicable to this field.

## **DEMOGRAPHIC INDICATORS**

## 7. Date of Visit

Record Positions 20–27  
Critical Field

### Definition

Record the date of the child's visit to the participating PedNSS program. This field is critical; records are rejected if values for this field are missing or invalid.

Rationale: This date is used to calculate the age of the child, in conjunction with Date of Birth. If Date of Height/Weight Measure, Date of Hemoglobin/Hematocrit Measure, or Date of Most Recent Breastfeeding Response are reported, those fields are used to establish the age of the child at the time of respective measurement. This field is also used to cross-check other PedNSS dates (e.g., Date of Birth should precede Date of Visit).

### Codes

#### Acceptable Values

Month = 01–12  
Day = 01–31  
Year = All four digits

Example: If the Date of Visit is January 4, 2003, it would be recorded like this:

M	M	D	D	Y	Y	Y	Y
0	1	0	4	2	0	0	3
20	21	22	23	24	25	26	27

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

#### Critical Errors:

Records rejected if values for this field are missing or mis-coded (Field contains all zeroes or non-numeric characters, excluding blanks. Year is > 3 years < computer date or Year > computer date. Month is '99', blanks, Hex '00', < 01 or > 12; Day is < 01 or > maximum days for Month; or Year is '9999', blanks, or Hex '0000'). Date of Birth does not precede Date of Visit. Child's age is > 20 years (this field and Date of Birth are used to calculate age of child).

#### BIVs:

Not applicable to this field.

<b>Cross-Check Errors:</b>	<p>Date of Birth, Birthweight—English or Metric, and this field are compared. Child’s age is 1 month to &lt;6 months and birthweight is &gt; weight. Child’s age is 1 day to &lt; 1 month and weight is &lt; 80% of birthweight.</p> <p>Source of Data, Date of Birth, and this field are compared. Source of Data=1 (WIC) and age of child is &gt;60 months.</p>
<b>Unusual Data Distributions:</b>	<p>On annual data sets, Month and Day values should be evenly distributed (quantity of values for Month should be total records/12±20%. Quantity of values for Day should be values for total records/30 ± 20%).</p> <p><i>Percent Decline in Currently Breastfeeding:</i> Date of Visit, Date of Birth, and Currently Breastfed are compared. Ratio of percent currently breastfeeding in the second 6 months of infancy to the percent currently breastfeeding in the first 6 months of infancy &gt; 0.6. (A ratio of ≤ 0.5 or 50% is considered plausible). Records for children aged &lt; 12 months included in analysis.</p> <p><i>Percent Ever Breastfed Consistent Across Age Ranges:</i> Date of Visit, Date of Birth, and this field are compared. Ratio of the percent ever breastfed in the second 6 months of infancy to the percent ever breastfed in the first 6 months &lt; 0.9 or &gt; 1.1 (a ratio of 1.0 is expected). Records for children aged &lt; 12 months included in analysis.</p> <p><i>Breastfeeding Duration Exceeds Current Age of Child:</i> Date of Visit, Date of Birth, and this field are compared. Length of Time Breastfed exceeds child’s current age in weeks) on &gt; 5% of records.</p> <p><i>Breastfeeding Duration Equals Current Age of Child:</i> Date of Visit, Date of Birth, and this field are compared. Among children older than 6 months, if Length of Time Breastfed = child’s current age in weeks on &gt; 10% of records (&lt; 4% of children are weaned at exactly their current age, this week).</p>
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 8. Child's Alphanumeric ID

Record Positions 28–87  
Critical Field

### Definition

This uniquely identifies each child within a clinic. This field is critical; records are rejected if values for this field are missing.

Records containing personal identifiers comprised of full social security numbers or names of clients must be encrypted using CDC's encryption software. Encrypted identifiers cannot be de-encrypted by CDC, but can be de-encrypted by the PedNSS contributor. The number of characters in the ID are doubled in the process of using the CDC encryption software. As a result, the first 30 characters of this field are reserved for unencrypted IDs, whereas the full 60 characters are reserved for encrypted IDs. Regardless of whether the ID is encrypted, the original ID can be no longer than 30 characters.

Rationale: This field is used to identify individual data and exclude duplicate records. It is also used for linkage of PedNSS records in creation of the PedNSS unique child master file.

### Codes

#### Acceptable Values

Any numbers or characters, or combinations of both, are acceptable. Records containing personal identifiers comprised of names or full social security numbers must be encrypted prior to submission of records to CDC. Do not exceed 30 original characters, because identifiers are doubled in length during the process of encryption. *Standard encryption, ensured through using the same encryption key over time, is important* so that encrypted records can be linked.

Consistently right or left justify; pad entries that are less than 30 characters with leading or trailing blanks.

#### 1. UNIQUELY GENERATED NUMERIC VALUES (NON-SSN-BASED)

Codes: Consistently right or left justify within the first 30 positions of the field. Pad numbers that are not this large with leading or trailing blanks. Leave the last 30 positions of the field blank.

**Example:** If this child's ID number is 7654321000 and it is right justified in this field, it would look like this:

28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
					7	6	5	4	3	2	1	0	0	0
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84	85	86	87

**LAST 30 POSITIONS OF THIS FIELD ARE RESERVED FOR ENCRYPTED IDS— DO NOT FILL**

**2. SSN-BASED NUMERIC VALUES**

Records containing personal identifiers comprised of full social security numbers must be encrypted using CDC's encryption software. Consistently right or left justify the number within the first 30 positions of the field. Pad numbers that are not this large with leading or trailing blanks. Leave the last 30 positions of the field blank, as identifiers are doubled in length during the process of encryption. *Standard encryption is important* so that encrypted records can be linked.

**Example:** If the numeric ID is an eleven-digit number with the social security number always preceded by two zeroes (e.g., 00555925666) and it is right justified, it would look like this prior to encryption:

28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
				0	0	5	5	5	9	2	5	6	6	6
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84	85	86	87

**LAST 30 POSITIONS OF THIS FIELD ARE RESERVED FOR ENCRYPTED IDS—DO NOT FILL**

2. **SSN-BASED NUMERIC VALUES (Cont.)**

After encryption, which is the way it should be submitted to CDC, this SSN-based identifier might look like this (even blank positions are encrypted):

5	8	B	B	C	2	F	4	4	4	A	D	F	C	1
28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
5	D	A	A	A	A	4	F	D	2	3	B	B	B	4
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
3	B	3	4	A	2	2	4	4	4	B	B	D	F	1
58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
7	6	C	E	E	2	8	5	A	F	7	A	9	6	3
73	74	75	76	77	78	79	80	81	82	83	84	85	86	87

3. **NAME-BASED ALPHA VALUES**

Records containing personal identifiers comprised of names of clients must be encrypted using CDC’s encryption software. Consistently right or left justify the name within the first 30 positions of the field. Pad numbers that are not this large with leading or trailing blanks. Leave the last 30 positions of the field blank, because identifiers are doubled in length during the process of encryption. *Standard encryption is important* so that encrypted records can be linked.

Example: If the name of the child is CHRISTOPHERSON-JONES MOLLY, and it is right justified in this field, it would look like this prior to encryption:

				C	H	R	I	S	T	O	P	H	E	R
28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
S	O	N	-	J	O	N	E	S			M	O	L	L
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66	67	68	69	70	71	72

73 74 75 76 77 78 79 80 81 82 83 84 85 86 87  
 LAST 30 POSITIONS OF THIS FIELD ARE RESERVED FOR ENCRYPTED IDS—DO NOT FILL

3. NAME-BASED ALPHA VALUES (Cont.)

After encryption, which is the way it should be submitted to CDC, this name-based identifier might look like this (even blank positions are encrypted):

6	5	C	E	E	1	1	2	C	4	5	F	F	6	6
28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2	C	E	F	C	8	8	5	4	B	B	A	3	D	3
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
5	C	2	4	F	1	1	1	D	1	B	D	A	A	A
58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
7	6	C	E	E	2	8	5	A	F	D	A	2	2	2
73	74	75	76	77	78	79	80	81	82	83	84	85	86	87

**Edits**

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

<b>Critical Errors:</b>	Records rejected if values for this field are missing.
<b>Mis-codes:</b>	Not applicable to this field.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	Not applicable to this field.
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 9. Date of Birth

Record Positions 88–95  
Critical Field

### Definition

This field identifies the child's date of birth. This field is critical; records are rejected if values for this field are missing or invalid.

Rationale: This field is used to calculate the current age of the child, in conjunction with Date of Visit, Date of Height/Weight Measure, Date of Hemoglobin/Hematocrit Measure, or Date of Most Recent Breastfeeding Response. This field is also used to cross-check other PedNSS dates (e.g., Date of Birth should precede Date of Visit).

### Codes

#### Acceptable Values

Month = 01–12  
Day = 01–31  
Year = All four digits

Example: If the child's date of birth is June 7, 2003, it would be recorded like this:

M	M	D	D	Y	Y	Y	Y
0	6	0	7	2	0	0	3
88	89	90	91	92	93	94	95

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

#### Critical Errors:

Records rejected if values for this field are missing or mis-coded (Field contains all zeroes or non-numeric characters, excluding blanks. Year is 20 years < computer year or Year > computer year date; Month is '99', blanks, Hex '00', < 01 or > 12; Day is < 01 or > maximum days for Month; Year is '9999', blanks or Hex '0000'.). Date of Birth does not precede Date of Visit.

#### BIVs:

Not applicable to this field.

<b>Cross-Check Errors:</b>	<p>Date of Visit, Weight—English or Metric, Birthweight—English or Metric, and this field are compared. Child's age is 1 month to &lt; 6 months and birthweight is &gt; weight. Child's age is 1 day to &lt; 1 month and weight is &lt; 80% of birthweight. Source of Data, Date of Visit, and this field are compared. Source of Data=1 (WIC) and age of child is &gt;60 months.</p>
<b>Unusual Data Distributions:</b>	<p>On annual data sets, values should be evenly distributed (quantity of values for Month should be total records/12 <math>\pm</math> 20%; quantity of values for Day should be total records/30 <math>\pm</math>20%).</p> <p><i>Percent Decline in Currently Breastfeeding:</i> Date of Visit, Date of Birth, and Currently Breastfed are compared. Ratio of percent currently breastfeeding in the second 6 months of infancy to the percent currently breastfeeding in the first 6 months of infancy &gt; 0.6. (A ratio of <math>\leq</math> 0.5 or 50% is considered plausible). Records for children aged &lt; 12 months included in analysis.</p> <p><i>Percent Ever Breastfed Consistent Across Age Ranges:</i> Date of Visit, Date of Birth, and this field are compared. Ratio of the percent ever breastfed in the second 6 months of infancy to the percent ever breastfed in the first 6 months &lt; 0.9 or &gt; 1.1 (a ratio of 1.0 is expected). Records for children aged &lt; 12 months included in analysis.</p> <p><i>Breastfeeding Duration Exceeds Current Age of Child:</i> Date of Visit, Date of Birth, and this field are compared. Length of Time Breastfed exceeds child's current age in weeks) on &gt; 5% of records.</p> <p><i>Breastfeeding Duration Equals Current Age of Child:</i> Date of Visit, Date of Birth, and this field are compared. Among children older than 6 months, if Length of Time Breastfed = child's current age in weeks on &gt; 10% of records (&lt; 4% of children are weaned at exactly their current age, this week).</p>
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 10. Sex

Record Position 96  
Critical Field

### Definition

This field indicates whether the child is a boy or a girl. This field is critical; records are rejected if values for this field are missing or invalid.

Rationale: This field is used to calculate gender-specific weight and height percentiles and z-scores for growth assessment. It is also used to apply gender-specific hemoglobin/hematocrit cutoffs to determine whether children aged  $\geq 12$  years are anemic.

### Codes

#### Acceptable Values

1 = Male  
2 = Female

Example: If the child is a girl, it would be recorded like this:

———  
2  
———  
96

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Records rejected if values for this field are missing or mis-coded (values other than acceptable as listed above).
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	Values for code 1 < 48% or > 56%.
Low/High Standard Deviations:	Not applicable to this field.

## 11. Race/Ethnicity

Record Positions 97–102  
Core Field\*

\* *Either this field or field 12, WIC Race/Ethnicity, is needed, but not both.*

### Definition

This ethnic and race field is provided to reflect the 1997 Office of Management and Budget's October 1997 Announcement of Revised Government-Wide Standards for the collection of data on race and ethnicity.

#### Ethnic Status

Hispanic or Latino is defined as a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.

#### Race Status

American Indian or Alaskan Native is defined as a person with origins in any of the original peoples of North, Central, and South America.

Asian is defined as a person with origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

Black or African American is defined as a person with origins in any of the black racial groups of Africa.

Native Hawaiian or Pacific Islander is defined as a person with origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

White is defined as a person with origins in any of the original peoples of Europe, the Middle East, or North Africa.

Rationale: This item is used to present reporting of multiple races and is used to monitor nutritional status by race/ethnic group.

Suggested wording of question: Which of the following racial/ethnic groups apply to your child?

Hispanic or Latino?	Yes	No
American Indian or Alaskan Native?	Yes	No
Asian?	Yes	No
Black or African American?	Yes	No
Native Hawaiian or Pacific Islander?	Yes	No
White?	Yes	No

### Codes

#### Acceptable Values

1	=	Yes
2	=	No
Blank or 9	=	Unknown

The first position of the race/ethnicity field identifies whether a child is of Hispanic or Latino culture or origin. The second position identifies whether a child is American Indian or Alaskan Native. The third position identifies whether a child is Asian. The fourth position identifies whether a child is black or African American. The fifth position identifies whether a child is Native Hawaiian or Pacific Islander. The sixth position identifies whether a child is white. More than one race group may be recorded.

Hispanic/ Latino	American Indian/ Alaskan Native	Asian	Black/ African American	Native Hawaiian/ Pacific Islander	White
<b>97</b>	<b>98</b>	<b>99</b>	<b>100</b>	<b>101</b>	<b>102</b>

**Example 1:** If a child is not of Hispanic or Latino culture or origin and is of American Indian or Alaskan Native origin, it would be recorded as:

2	1	2	2	2	2
<b>97</b>	<b>98</b>	<b>99</b>	<b>100</b>	<b>101</b>	<b>102</b>

**Example 2:** If a child is of Hispanic or Latino culture or origin and is also of black or African American origin and white origin, it would be recorded as:

1	2	2	1	2	1
<b>97</b>	<b>98</b>	<b>99</b>	<b>100</b>	<b>101</b>	<b>102</b>

## Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Data for this field and for WIC Race/Ethnicity missing on > 10% of records. Missing data for this field occurs if at least one of the six positions does not contain a '1'.
<b>Mis-Codes:</b>	Values other than acceptable as listed above; zero values listed separately in report.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	Not applicable to this field.
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 12. WIC Race/Ethnicity

Record Positions 103–105  
Core Field\*

\* *Either this field or field 11, Race/Ethnicity, is needed, but not both.*

### Definition

These ethnic and race fields are provided to reflect the 1997 Office of Management and Budget's October 1997 Announcement of Revised Government-Wide Standards for the collection of data on race and ethnicity as interpreted by the U.S. Department of Agriculture (USDA) for reporting to the WIC minimum data set (MDS). States may report the race/ethnicity variable in the six digit format of field 11 or in the three digit format of this field.

#### Ethnic Status

Hispanic or Latino is defined as a person of Cuban, Mexican, Puerto Rican, South or Central America, or other Spanish culture or origin, regardless of race.

#### Race Status

American Indian or Alaskan Native is defined as a person with origins in any of the original peoples of North, Central, or South America.

Asian is defined as a person with origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

Black or African American is defined as a person with origins in any of the black racial groups of Africa.

Native Hawaiian or Pacific Islander is defined as a person with origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

White is defined as a person with origins in any of the original peoples of Europe, the Middle East, or North Africa.

Rationale: This item is used to present reporting of multiple races according to the USDA WIC Program, and is used to monitor nutritional status by race/ethnic group.

Suggested wording of question: Which of the following racial/ethnic groups apply to your child?

Hispanic or Latino?	Yes	No
American Indian or Alaskan Native?	Yes	No
Asian?	Yes	No
Black or African American?	Yes	No
Native Hawaiian or Pacific Islander?	Yes	No
White?	Yes	No

## Codes

### Acceptable Values

According to the WIC requirements, no State needs to report more than one ethnic and two racial category selections. Three digit codes, as defined by the USDA, with the first digit representing ethnicity and the last two digits representing key combinations of two race selections, are presented below.

Placing number '1' in the first field position signifies Hispanic/Latino. Placing number '2' in the first field position signifies Not Hispanic/Latino.

101 = American Indian or Alaskan Native; Hispanic/Latino

201 = American Indian or Alaskan Native; Not Hispanic/Latino

102 = Asian; Hispanic/Latino

202 = Asian; Not Hispanic/Latino

103 = Black or African American; Hispanic/Latino

203 = Black or African American; Not Hispanic/Latino

104 = Native Hawaiian or Other Pacific Islander; Hispanic/Latino

204 = Native Hawaiian or Other Pacific Islander; Not Hispanic/Latino

105 = White; Hispanic/Latino

205 = White; Not Hispanic/Latino

106 = American Indian or Alaskan Native; White; Hispanic/Latino

206 = American Indian or Alaskan Native; White; Not Hispanic/Latino

107 = Asian; White; Hispanic/Latino

207 = Asian; White; Not Hispanic/Latino

108 = Black or African American; White; Hispanic/Latino

208 = Black or African American; White; Not Hispanic/Latino

109 = American Indian or Alaskan Native; Black or African American;  
Hispanic/Latino

209 = American Indian or Alaskan Native; Black or African American; Not  
Hispanic/Latino

110 = American Indian or Alaskan Native; Asian; Hispanic/Latino

210 = American Indian or Alaskan Native; Asian; Not Hispanic/Latino

111 = American Indian or Alaskan Native; Native Hawaiian or Other Pacific  
Islander; Hispanic/Latino

211 = American Indian or Alaskan Native; Native Hawaiian or Other Pacific  
Islander; Not Hispanic/Latino

**112 = Asian; Black; Hispanic/Latino**

**212 = Asian; Black; Not Hispanic/Latino**

**113 = Asian; Native Hawaiian or Other Pacific Islander; Hispanic/Latino**

**213 = Asian; Native Hawaiian or Other Pacific Islander; Not Hispanic/Latino**

**114 = Black; Native Hawaiian or Other Pacific Islander; Hispanic/Latino**

**214 = Black; Native Hawaiian or Other Pacific Islander; Not Hispanic/Latino**

**115 = Native Hawaiian or Other Pacific Islander; White; Hispanic/Latino**

**215 = Native Hawaiian or Other Pacific Islander; White; Not Hispanic/Latino**

**116 = American Indian or Alaskan Native; Asian; Black; Hispanic/Latino**

**216 = American Indian or Alaskan Native; Asian; Black; Not Hispanic/Latino**

**117 = American Indian or Alaskan Native; Asian; Native Hawaiian or Other Pacific Islander; Hispanic/Latino**

**217 = American Indian or Alaskan Native; Asian; Native Hawaiian or Other Pacific Islander; Not Hispanic/Latino**

**118 = American Indian or Alaskan Native; Asian; White; Hispanic/Latino**

**218 = American Indian or Alaskan Native; Asian; White; Not Hispanic/Latino**

**119 = American Indian or Alaskan Native; Black; Native Hawaiian or Other Pacific Islander; Hispanic/Latino**

**219 = American Indian or Alaskan Native; Black; Native Hawaiian or Other Pacific Islander; Not Hispanic/Latino**

**120 = American Indian or Alaskan Native; Black; White; Hispanic/Latino**

**220 = American Indian or Alaskan Native; Black; White; Not Hispanic/Latino**

**121 = American Indian or Alaskan Native; Native Hawaiian or Other Pacific Islander; White; Hispanic/Latino**

**221 = American Indian or Alaskan Native; Native Hawaiian or Other Pacific Islander; White; Not Hispanic/Latino**

**122 = Asian; Black; Native Hawaiian or Other Pacific Islander; Hispanic/Latino**

**222 = Asian; Black; Native Hawaiian or Other Pacific Islander; Not Hispanic/Latino**

**123 = Asian, Black; White; Hispanic/Latino**

**223 = Asian, Black; White; Not Hispanic/Latino**

**124 = Asian; Native Hawaiian or Other Pacific Islander; White; Hispanic/Latino**

**224 = Asian; Native Hawaiian or Other Pacific Islander; White; Not Hispanic/Latino**

**125 = Black; Native Hawaiian or Other Pacific Islander; White; Hispanic/Latino**

**225 = Black; Native Hawaiian or Other Pacific Islander; White; Not Hispanic/Latino**

- 126 = American Indian or Alaskan Native; Asian; Black; Native Hawaiian or Other Pacific Islander; Hispanic/Latino  
 226 = American Indian or Alaskan Native; Asian; Black; Native Hawaiian or Other Pacific Islander; Not Hispanic/Latino
- 127 = American Indian or Alaskan Native; Asian; Black; White; Hispanic/Latino  
 227 = American Indian or Alaskan Native; Asian; Black; White; Not Hispanic/Latino
- 128 = American Indian or Alaskan Native; Asian; Native Hawaiian or Other Pacific Islander; White; Hispanic/Latino  
 228 = American Indian or Alaskan Native; Asian; Native Hawaiian or Other Pacific Islander; White; Not Hispanic/Latino
- 129 = American Indian or Alaskan Native; Black; Native Hawaiian or Other Pacific Islander; White; Hispanic/Latino  
 229 = American Indian or Alaskan Native; Black; Native Hawaiian or Other Pacific Islander; White; Not Hispanic/Latino
- 130 = Asian; Black; Native Hawaiian or Other Pacific Islander; White; Hispanic/Latino  
 230 = Asian; Black; Native Hawaiian or Other Pacific Islander; White; Not Hispanic/Latino
- 131 = American Indian or Alaskan Native; Asian; Black; Native Hawaiian or Other Pacific Islander; White; Hispanic/Latino  
 231 = American Indian or Alaskan Native; Asian; Black; Native Hawaiian or Other Pacific Islander; White; Not Hispanic/Latino
- Blanks or 999 = Unknown

Example: If a woman is not of Hispanic or Latino culture or origin and is of American Indian or Alaskan Native origin, it would be recorded as:

2	0	1
103	104	105

## Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Data for this field and for Race/Ethnicity missing on > 10% of records.
<b>Mis-Codes:</b>	Values other than acceptable as listed above; zero values listed separately in the report.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	Not applicable to this field.
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 13. Contributor-Specific Race/Ethnicity

Record Positions 106–107  
Supplemental Field

### Definition

This ethnic and race field is provided to permit PedNSS contributors to further specify race groups, for example Korean or Vietnamese, as a supplement to field 11. Multiple specific race groups may be defined by the contributor, but only one race/ethnic group may be selected for each child. If data are submitted for this field, it must be submitted for every child.

**Rationale:** This item permits PedNSS contributors to target particular race groups in their PedNSS analyses, and is used to monitor nutritional status by race/ethnic group.

### Codes

#### Acceptable Values

Two character numeric codes as defined by the contributor  
Blanks or 99 = Unknown

**Example:** If a state specifies Korean as code 12 and a child is Korean, it would be recorded as:

_____	
1	2
_____	
106	107

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Data for this field missing on > 10% of records (if contributor submits data for this field).
<b>Mis-Codes:</b>	Not applicable to this field.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	Not applicable to this field.
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 14. Household Size

Record Positions 108–109  
Core Field

### Definition

This field indicates the number of people in the household of the child. Use program definition of family size. For example, according to the U.S. Department of Agriculture Consolidation of WIC Regulations, Part 246, the WIC Program definition of family means a group of related or non-related individuals who are living together as one economic unit, except that residents of a homeless facility or an institution shall not all be considered as members of a single family.

Rationale: This field is combined with Monthly Household Income to estimate the socioeconomic status of the household in which the child lives. Used to monitor nutritional status by socioeconomic group to enable targeting and monitoring of progress toward national health objectives.

### Codes

#### Acceptable Values

01–30 = Number of people in the household  
Blanks or 99 = Unknown

Example: If the child lives with his mother only, the number in the household would be recorded like this:

0	2
108	109

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Data for this field missing on > 10% of records.
<b>Mis-Codes:</b>	Values other than acceptable as listed above; zero values listed separately in report.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	> 20% of values > 6. National distribution: 5% of values fall outside this cutoff.
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 15. Monthly Household Income

Record Positions 110–113  
Core Field

### Definition

This field indicates monthly income of the household. Annual income should be divided by 12 and weekly income should be multiplied by 4.33. Use the program definition of income. For example, according to the U.S. Department of Agriculture Consolidation of WIC Regulations, Part 246, and WIC Policy Memorandum 99-4, WIC applicants must provide documentation of income for the family or economic unit, or participants certified as adjunctively eligible for WIC must present documentation of current eligibility in other means-tested programs. When income is known for adjunctively eligible participants, it should be reported.

Rationale: This field is combined with Household Size to estimate the socioeconomic status of the household in which the child lives. Used to monitor nutritional status by stratified socioeconomic group to enable targeting and monitoring of progress toward national health objectives.

### Codes

#### Acceptable Values

0000–8000 = Monthly income  
8888 = Unknown income, adjunctively eligible  
Blanks or 9999 = Unknown

Example: If the child's family has an annual income of \$10,400, it would be recorded like this, as monthly income:

0	8	6	7
110	111	112	113

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records.
Mis-Codes:	Values other than acceptable as listed above.
BIVs:	Not applicable to this field
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distribution:	Records contain no acceptable data other than zeroes in this field. > 20% of values > 2100. National distribution: 5% of values fall above this cutoff. Sum of records with values 0000–0900 > 80% of all records with values 0000–8000.
Low/High Standard Deviations:	Not applicable to this field.

## 16. Migrant Status

Record Position 114  
Supplemental Field

### Definition

This field indicates whether the child is a member of a family in which any family member is a migrant. According to the U.S. Department of Agriculture Consolidated Regulations, Part 246, a migrant farm worker is an individual whose principal employment is in agriculture, on a seasonal basis, who has been employed within the last 24 months, and who establishes, for the purpose of such employment, a temporary abode.

Rationale: This field is used to determine and monitor the nutritional status of migrant groups.

### Codes

#### Acceptable Values

1 = Migrant  
2 = Non-migrant  
Blank or 9 = Unknown

Example: A child who is a member of a household in which no member is a migrant would be recorded like this:

\_\_\_\_\_  
2  
\_\_\_\_\_  
114

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records (if contributor submits data for this field).
Mis-Codes:	Values other than acceptable as listed above; zero values listed separately in report.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	Values for code 2 not greater than values for code 1.
Low/High Standard Deviations:	Not applicable to this field.

# **PROGRAM PARTICIPATION**

## 17. WIC

Record Position 115  
Supplemental Field

### Definition

This field indicates whether the child participates (or is enrolled) in the U.S. Department of Agriculture's WIC Program at the Date of Visit.

Rationale: Research shows that children who participate in the WIC Program have improved dietary intake and lower rates of anemia when compared with low-income children who do not participate in WIC. This item may be used to evaluate food security, in conjunction with Food Stamp Program participation, and the impact of program referral services.

Suggested wording of question if information is self-reported: Are you getting WIC food for your child now? (Source: National Maternal and Infant Health Survey)

### Codes

#### Acceptable Values

1 = Yes  
2 = No  
Blank or 9 = Unknown

Example: If the child participates in WIC, it would be recorded like this:

1  
-----  
115

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records (if contributor submits data for this field).
Mis-Codes:	Values other than acceptable as listed above; zero values listed separately in report.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	Not applicable to this field.
Low/High Standard Deviations:	Not applicable to this field.

## 18. Food Stamps

Record Position 116  
Supplemental Field

### Definition

This field indicates whether the child participates in the U.S. Department of Agriculture's Food Stamp Program at the Date of Visit.

Rationale: This field may be used to evaluate food security, in conjunction with WIC Program participation, and the impact of program referral services.

Suggested wording of question if information is self-reported: Are you getting food stamps for your child now? (Source: National Maternal and Infant Health Survey)

### Codes

#### Acceptable Values

1 = Yes  
2 = No  
Blank or 9 = Unknown

Example: If the child participates in the Food Stamp Program, it would be recorded like this:

\_\_\_\_\_  
1  
\_\_\_\_\_  
116

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records (if contributor submits data for this field).
Mis-Codes:	Values other than acceptable as listed above; zero values listed separately in report.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	Not applicable to this field.
Low/High Standard Deviations:	Not applicable to this field.

## 19. Medicaid

Record Position 117  
Supplemental Field

### Definition

This field indicates whether the child participates in Medicaid at the Date of Visit.

**Rationale:** This item may be used to evaluate insurance coverage among low-income children and impact of program referral services.

**Suggested wording of question if information is self-reported:** Is your child getting Medicaid now? (Source: National Maternal and Infant Health Survey)

### Codes

#### Acceptable Values

1 = Yes  
2 = No  
Blank or 9 = Unknown

**Example:** If the child does not participate in Medicaid, it would be recorded like this:

2

117

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Data for this field missing on > 10% of records (if contributor submits data for this field).
<b>Mis-Codes:</b>	Values other than acceptable as listed above; zero values listed separately in report.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	Not applicable to this field.
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 20. TANF

Record Position 118  
Supplemental Field

### Definition

This field indicates whether the child participates in the Temporary Assistance for Needy Families (TANF) Program at the Date of Visit.

Rationale: This item is a proxy for socioeconomic status and may be used to evaluate the impact of referral services.

Suggested wording of question if information is self-reported: Is your child getting Temporary Assistance for Needy Families (TANF) now?

### Codes

#### Acceptable Values

1 = Yes  
2 = No  
Blank or 9 = Unknown

Example: If the child receives payments from TANF, it would be recorded like this:

\_\_\_\_\_  
1  
\_\_\_\_\_  
118

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records (if contributor submits data for this field).
Mis-Codes:	Values other than acceptable as listed above; zero values listed separately in report.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	Not applicable to this field.
Low/High Standard Deviations:	Not applicable to this field.

# HEALTH INDICATORS

## 21. Birthweight—English

Record Positions 119–122  
Core Field *For Children < 12  
Months of Age\**

\* *Either this field or field 22, Birthweight-Metric, is needed, but not both.*

### Definition

This field indicates the infant's birthweight in pounds to the nearest whole ounce. *Report for children < 12 months of age.* Obtain from mother's or guardian's self-report or hospital records. Convert fractional pounds to ounces: 1/4 pound should be converted to 4 ounces, 1/2 pound to 8 ounces, and so forth. See Appendix B for a conversion chart. Pounds and ounces are read into CDC's data set separately and then converted to grams for range checks.

Rationale: This field is used to assess nutritional status of the infant at birth. Low birthweight is associated with infant mortality and developmental delays. High birthweight is associated with neonatal mortality and childhood overweight. A national health objective calls for a reduction in low birthweight and very low birthweight.

### Codes

#### Acceptable Values

00–98 = Pounds  
00–15 = Ounces  
Blanks or 9999 = Unknown

Example: If this infant weighed 7 1/4 pounds at birth, it would be recorded like this:

Pounds		Ounces	
0	7	0	4
119	120	121	122

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report. Only records for children aged <24 months are included in analysis.

**Critical Errors:** Not applicable to this field.  
**Missing Data:** Data for this field and for Birthweight—Metric missing on > 10% of records.  
**Mis-codes:** Field contains all zeroes or non-numeric characters, excluding blanks. Field is coded 9990-9998 or last two digits (ounces) are coded other than 00–15.  
**BIVs** < 00 (pounds), 08 (ounces) or > 13 (pounds), 03 (ounces).

<b>Cross-Check Errors:</b>	<b>Date of Visit, Date of Birth, Weight—English or Metric, and this field or Birthweight—Metric are compared. Child’s age is 1 month to &lt;6 months and birthweight is &gt; weight. Child’s age is 1 day to &lt; 1 month and weight is &lt; 80% of birthweight.</b>
<b>Unusual Data Distributions:</b>	<b>&gt; 20% of values &lt; 04 (pounds), 14 (ounces) or &gt; 20% of values &gt; 09 (pounds), 02 (ounces). National distribution: 5% of values are outside each of these cutoffs.</b>
<b>Low/High Standard Deviations:</b>	<b>Not applicable to this field.</b>

## 22. Birthweight—Metric

Record Positions 123–126  
Core Field *For Children < 12  
Months of Age\**

\* *Either this field or field 21, Birthweight—English, is needed, but not both.*

### Definition

This field indicates the infant's birthweight to the nearest whole gram. *Report for children < 12 months of age.* Obtain from mother's or guardian's self-report or hospital records.

Rationale: This field is used to assess nutritional status of the infant at birth. Low birthweight is associated with infant mortality and developmental delays. High birthweight is associated with neonatal mortality and childhood overweight. A national health objective calls for a reduction in low birthweight and very low birthweight.

### Codes

#### Acceptable Values

0001–9998

Blanks or 9999 = Unknown

Example: If this infant weighed 3,417 grams at birth, it would be recorded like this:

3	4	1	7
123	124	125	126

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report. Only records for children aged <24 months are included in analysis.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field and for Birthweight—English missing on > 10% of records.
Mis-Codes:	Field contains all zeroes or non-numeric characters, excluding blanks.
BIVs:	< 250 (grams) or > 6,000 (grams).
Cross-Check Errors:	Date of Visit, Date of Birth, Weight—English or Metric, and this field or Birthweight—English are compared. Child's age is 1 month to <6 months and birthweight is > weight. Child's age is 1 day to < 1 month and weight is < 80% of birthweight.
Unusual Data Distributions:	> 20% of values < 2,216 (grams) or > 20% of values > 4,147 (grams). National distribution: 5% of values are outside each of these cutoffs.
Low/High Standard Deviations:	Not applicable to this field.

## 23. Height—English

Record Positions 127–129  
Core Field\*

\* *Either this field or field 24, Height-Metric, is needed, but not both.*

### Definition

This field indicates the child's measured height in inches, without shoes, or measured recumbent length if the child is < 24 months of age. Record height to the nearest eighth of an inch. Convert all partial inches to eighths: 3/4 to 6/8, 1/4 to 2/8, and so forth. Do not leave eighth's of inches blank if it is really zero. See Appendix B for a conversion chart.

Rationale: This field is used to assess height for age. A national health objective calls for a reduction in growth retardation among low-income children < age 5 years. In conjunction with the child's weight, this field is also used to assess overweight and underweight status. Yet another national health objective calls for a reduction in the proportion of children (aged 6–11 years) and adolescents (aged 12–19 years) who are overweight or obese.

### Codes

#### Acceptable Values

01–98 = Inches  
0–7 = Eighths of inches  
Blanks or 999 = Unknown

Example: If the child's height is 25 1/2 inches, it would be recorded like this:

Inches	Eighths of inches	
2	5	4
127	128	129

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field and for Height—Metric missing on > 10% of records.
Mis-Codes:	Field contains all zeroes or non-numeric characters, excluding blanks. Field is coded 990–998 or last digit fraction is coded other than 0–7.
BIVs:	On Annual PedNSS Summary of Record Volume and Data Quality report: Height for age z-score < -5.0 or > 3.0. Weight for length (children aged < 2 years)/body mass index (BMI) for age (children aged ≥ 2 years) z-score < -4.0 or > 5.0.

<b>Cross-Check Errors:</b>	<b>Not applicable to this field.</b>
<b>Unusual Data Distributions:</b>	<b>Not applicable to this field.</b>
<b>Low/High Standard Deviations:</b>	<b>On Annual PedNSS Summary of Record Volume and Data Quality report: Height for age z-score SD &lt; 0.9 or &gt; 1.1 (expected z-score SD: 0.95 1.05). Weight for length (children aged &lt; 2 years) or BMI for age (children aged <math>\geq</math> 2 years) z-score SD &lt; 0.9 or &gt; 1.1 (expected z-score SD: 0.95 1.05).</b>

## 24. Height—Metric

Record Positions 130–133  
Core Field\*

\* *Either this field or field 23, Height—English, is needed, but not both.*

### Definition

This field indicates the child's measured height in centimeters, without shoes, or measured recumbent length if the child is < 24 months of age. Record to the nearest tenth of a centimeter, with a single implied decimal place (92.3 centimeters would be recorded as 0923).

Rationale: This field is used to assess height for age. A national health objective calls for a reduction in growth retardation among low-income children < age 5 years. In conjunction with the child's weight, this field is also used to assess overweight and underweight status. Yet another national health objective calls for a reduction in the proportion of children (aged 6–11 years) and adolescents (aged 12–19 years) who are overweight or obese.

### Codes

#### Acceptable Values

0001–9998 = Centimeters to the nearest tenth  
Blanks or 9999 = Unknown

Example: If the child's height is 92.3 centimeters, it would be recorded like this:

Centimeters		Tenths of centimeters	
0	9	2	3
130	131	132	133

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Data for this field missing on > 10% of records.
<b>Mis-Codes:</b>	Field contains all zeroes or non-numeric characters excluding blanks.
<b>BIVs:</b>	On Annual PedNSS Summary of Record Volume and Data Quality report: Height for age z-score < 5.0 or > 3.0. Weight for length (children aged < 2 years)/body mass index (BMI) for age (children aged $\geq$ 2 years) z-score < -4.0 or > 5.0.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	Not applicable to this field.
<b>Low/High Standard Deviations:</b>	On Annual PedNSS Summary of Record Volume and Data Quality report: Height for age z-score SD < 0.9 or > 1.1 (expected z-score SD: 0.95 to 1.05). Weight for length (children aged < 2 years) or BMI for age (children aged $\geq$ 2 years) z-score SD < 0.9 or > 1.1 (expected z-score SD: 0.95 to 1.05).

## 25. Weight—English

Record Positions 134–137  
Core Field\*

\* *Either this field or field 26, Weight— Metric, is needed, but not both.*

### Definition

This field indicates the child's weight in pounds *to the nearest 1/4 pound*. Enter measured weight of the child with minimal clothing and without shoes. Always convert to fourths: 1/2 should be converted to 2/4, 3/16 to 1/4, and so forth. Convert ounces to nearest quarter pound: 12 ounces should be converted to 3/4 pounds, 8 ounces to 2/4 pounds, and so forth. See Appendix B for a conversion chart.

Rationale: In conjunction with child's height, this field is used to assess weight for length, body mass index (BMI) for age, and overweight and underweight status. A national health objective calls for a reduction in the proportion of children (aged 6–11 years) and adolescents (aged 12–19 years) who are overweight or obese.

### Codes

#### Acceptable Values

001–998 = Pounds  
0–3 = Quarter pounds  
Blanks or 9999 = Unknown

Example: If the child's weight is 16 pounds, 4 ounces, it would be recorded like this:

Pounds		Quarter Pounds	
0	1	6	1
134	135	136	136

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

**Critical Errors:** Not applicable to this field.  
**Missing Data:** Data for this field and for Weight-Metric missing on > 10% of records.  
**Mis-Codes:** Field contains all zeroes or non-numeric characters, excluding blanks. Field is coded 9990–9998, or last digit fraction is coded other than 0–3.  
**BIVs:** On Annual PedNSS Summary of Record Volume and Data Quality report: Weight for age z-score < -5.0 or > 5.0. Weight for length (children aged < 2 years)/BMI for age (children aged ≥ 2 years) z-score < -4.0 or > 5.0.

**Cross-Check Errors:**

**Date of Visit, Date of Birth, Birthweight—English or Metric, and this field or Weight—Metric are compared. Child's age is 1 month to <6 months and birthweight is > weight. Child's age is 1 day to < 1 month and weight is < 80% of birthweight.**

**Unusual Data Distributions:**

**Not applicable to this field.**

**Low/High Standard Deviations:**

**On Annual PedNSS Summary of Record Volume and Data Quality report: Weight for age z-score SD < 0.9 or > 1.1 (expected z-score SD: 0.95–1.05). Weight for length (children aged < 2 years) or BMI for age (children aged  $\geq$  2 years) z-score SD < 0.9 or > 1.1 (expected z-score SD: 0.95–1.05).**

## 26. Weight—Metric

Record Positions 138–141  
Core Field

\* *Either this field or field 25, Weight—English, is needed, but not both.*

### Definition

This field indicates the child's weight in grams. Enter measured weight of the child with minimal clothing and without shoes.

Rationale: In conjunction with child's height, this field is used to assess weight for length, body mass index (BMI) for age, and overweight and underweight status. A national health objective calls for a reduction in the proportion of children (aged 6–11 years) and adolescents (aged 12–19 years) who are overweight or obese.

### Codes

#### Acceptable Values

0001–9998 = Kilograms, tenths of kilograms  
Blanks or 9999 = Unknown

Example: If the child's weight is 26.2 kg, it would be recorded like this:

Kilograms		Tenths	
0	2	6	2
138	139	140	141

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

**Critical Errors:**

Not applicable to this field.

**Missing Data:**

Data for this field and for Weight-English missing on > 10% of records.

**Mis-Codes:**

Field contains all zeroes or non-numeric characters, excluding blanks.

**BIVs:**

On Annual PedNSS Summary of Record Volume and Data Quality report: Weight for age z-score < -5.0 or > 5.0. Weight for length (children aged < 2 years) or BMI for age (children aged  $\geq$  2 years) z-score < -4.0 or > 5.0. Date of Visit, Date of Birth, Birthweight—English or Metric, and this field or Weight—Metric are compared. Child's age is 1 month to < 6 months and birthweight is > weight. Child's age is 1 day to < 1 month and weight is < 80% of birthweight.

**Cross-Check Errors:**

**Unusual Data Distributions:**

Not applicable to this field.

**Low/High Standard Deviations:**

On Annual PedNSS Summary of Record Volume and Data Quality report: Weight for age z-score SD < 0.9 or > 1.1 (expected z-score SD: 0.95 to 1.05). Weight for length (children aged < 2 years) or BMI for age (children aged  $\geq$  2 years) z-score SD < 0.9 or > 1.1 (expected z-score SD: 0.95–1.05).

## 27. Date of Height/Weight Measure

Record Positions 142–149  
Core Field

### Definition

This field indicates the date that the height and weight of the child are taken, as reported in fields 23–26.

Rationale: This field is used to calculate age at measurement (using Date of Birth) so that height and weight percentiles and z-scores can be calculated accurately. This field is important to report when the date of measure is different than the Date of Visit, and should still be reported when these dates are the same.

### Codes

#### Acceptable Values

Month = 01–12  
Day = 01–31  
Year = All four digits  
All blanks or all 9s = Unknown

Example: If Date of Height/Weight Measure is February 25, 2003, it would be recorded like this:

M	M	D	D	Y	Y	Y	Y
0	2	2	5	2	0	0	3
142	143	144	145	146	147	148	149

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records.
Mis-codes:	Field contains all zeroes or non-numeric characters, excluding blanks. After excluding values of all blanks or all 9s, Month is '99', blanks, Hex '00', < 01 or > 12; Day is < 01 or > maximum days for Month; Year is '9999', blanks, or Hex '0000'.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	On annual data sets, Month and Day values should be evenly distributed (quantity of values for Month should be total records/12 $\pm$ 20%; quantity of values for Day should be total records/30 $\pm$ 20%).
Low/High Standard Deviations:	Not applicable to this field.

## 28. Hemoglobin

Record Positions 150–152  
Core Field\*

\* *Either this field or field 29, Hematocrit, is needed, but not both.*

### Definition

This field indicates the results of the child's hemoglobin (Hb) test. Report the date the Hb test is taken in field 30, Date of Hb/Hct Measure. Record to the nearest tenth of a gram per deciliter (g/dL), with a single implied decimal (that is 12.5 is coded as 125). Do not leave the tenth's position blank if it is zero.

Rationale: Low Hb is used as an indicator of iron deficiency. Iron deficiency anemia has been associated with delays in infant and child development. A national health objective calls for a reduction in iron deficiency among children aged 1–2 years and aged 3–4 years, and among non-pregnant females aged  $\geq 12$  years.

### Codes

#### Acceptable Values

001–989 = Hemoglobin (g/dL)  
Blanks or 999 = Unknown

Example: If the child's Hb is 12.0 g/dL, it would be recorded like this:

1	2	0
150	151	152

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report. Records for children aged <6 months are excluded from analysis.

Critical Errors:	Not applicable to this field.
Missing Data:	On Annual PedNSS Summary of Record Volume and Data Quality report, data for this field and Hematocrit missing on >10% of records.
Mis-Codes:	Field contains all zeroes or non-numeric characters, excluding blanks. Field is coded 990–998.
BIVs:	< 8.0 (g/dL) or > 17.0 (g/dl).
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	> 20% of values < 10.3 (g/dL) or > 20% of values > 14.0 (g/dL). National distribution: 5% of values fall outside each of these cutoffs. > 30% of values fall on the whole or half integer (e.g. 11.0, 11.5). Expected prevalence: 20%.
Low/High Standard Deviations:	< 0.7 (g/dL) or > 1.2 (g/dL). Expected SD: 0.8 (g/dL)–1.1 (g/dL).

## 29. Hematocrit

Record Positions 153–155  
Core Field\*

\* *Either this field or field 28, Hemoglobin, is needed, but not both.*

### Definition

This field indicates the results of the child's hematocrit (Hct) test. Report the date the Hct test is taken in field 30, Date of Hb/Hct Measure. Record to the nearest tenth of a percent, with a single implied decimal (that is 35.5 is coded as 355). Do not leave the tenth's position blank if it is zero.

Rationale: Low Hct is used as an indicator of iron deficiency. Iron deficiency anemia has been associated with delays in infant and child development. A national health objective calls for a reduction in iron deficiency among children aged 1–2 years and aged 3–4 years, and among non-pregnant females aged  $\geq$  12 years.

### Codes

#### Acceptable Values

001–989 = Hematocrit (%)  
Blanks or 999 = Unknown

Example: If the child's Hct is 35%, it would be recorded like this:

3	5	0
153	154	155

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report. Records for children aged <6 months are excluded from analysis.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	On Annual PedNSS Summary of Record Volume and Data Quality report, data for this field and Hemoglobin missing on >10% of records.
<b>Mis-Codes:</b>	Field contains all zeroes or non-numeric characters, excluding blanks. Field is coded 990–998.
<b>BIVs:</b>	< 24 (%) or > 51 (%).
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	> 20% of values < 31.7 (%) or > 20% of values > 41.3 (%). National distribution: 5% of values are outside each of these cutoffs.
<b>Low/High Standard Deviations:</b>	< 2.2 (%) or > 3.4 (%). Expected SD: 2.3 (%)–3.3 (%).

### 30. Date of Hemoglobin/ Hematocrit Measure

Record Positions 156–163  
Core Field

#### Definition

This field indicates the date that the hemoglobin (Hb) or hematocrit (Hct) of the child is taken, as reported in field 28 or 29.

Rationale: This field is used to calculate the age of the child at measurement, in conjunction with Date of Birth, so that age-appropriate hemoglobin/hematocrit cutoffs can be used to determine whether the child is anemic. This field is important to report when the Date of Hb/Hct Measure is different than the Date of Visit, and should still be reported when these dates are the same.

#### Codes

##### Acceptable Values

Month = 01–12  
Day = 01–31  
Year = All four digits  
All blanks or all 9s = Unknown

Example: If Date of Hb/Hct Measure is March 17, 2003, it would be recorded like this:

M	M	D	D	Y	Y	Y	Y
0	3	1	7	2	0	0	3
156	157	158	159	160	161	162	163

#### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Not applicable to this field because hematology assessment is not included at every screening visit.
<b>Mis-Codes:</b>	Field contains all zeroes or non-numeric characters, excluding blanks. After excluding values of all blanks or all 9s, Month is '99', blanks, Hex '00', < 01 or > 12; Day is < 01 or > maximum days for Month; Year is '9999', blanks, or Hex '0000'.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	On annual data sets, Month and Day values should be evenly distributed (quantity of values for Month should be total months/12 ± 20%; quantity of values for Day should be values for total days/30 ± 20%).
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 31. Currently Breastfed

Record Position 164  
Core Field For Children < 24  
Months of Age

### Definition

This field indicates whether this child is currently breastfed. *Report for children < 24 months of age.* If yes, enter blanks or 9s in field 32 (Ever Breastfed) and in field 33 (Length of Time Breastfed). If no, then field 32 (Ever Breastfed) and field 33 (Length of Time Breastfed) should be completed. In order to analyze breastfeeding data for infants up to 6 months of age, it is important to submit a record or records with updated breastfeeding data to the PedNSS when the infant is aged 6–11 months.

**Rationale:** Breast milk is the most complete form of nutrition for infants, with a range of benefits for infants' health, growth, immunity, and development. This item is used to evaluate breastfeeding promotion interventions and monitor breastfeeding trends. A national health objective calls for an increase in the proportion of mothers who breastfeed their babies.

**Suggested wording of question:** Is this child *currently* breastfed?

### Codes

#### Acceptable Values

1	=	Yes, child is currently breastfed
2	=	No, child is not currently breastfed
Blank or 9	=	Unknown

**Example:** If the infant or child is currently breastfed, it would be recorded like this:

\_\_\_\_\_  
1  
\_\_\_\_\_

164

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report. Only records for children aged <24 months are included in analysis.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Data for this field missing on > 10% of records.
<b>Mis-Codes:</b>	Values other than acceptable as listed above; zero values listed separately in report.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Records missing Currently Breastfed and Ever Breastfed are not excluded from analysis. 1) Currently Breastfed is coded 1 (yes) and Ever Breastfed is not coded blank or 9 (not applicable). 2) Currently Breastfed is coded blank or 9 (unknown) and Ever Breastfed is not coded blank or 9 (unknown or not applicable). 3) Currently Breastfed is not coded 2 (no) and Length of Time Breastfed is coded 00–96.

**Unusual Data Distributions:** 4) Introduction to Supplementary Feeding is coded 77 (child not fed anything other than breast milk), and this field is not coded 1 (yes). *Percent Decline in Currently Breastfeeding:* Date of Visit, Date of Birth, and Currently Breastfed are compared. Ratio of percent currently breastfeeding in the second 6 months of infancy to the percent currently breastfeeding in the first 6 months of infancy > 0.6. (A ratio of  $\leq 0.5$  or 50% is considered plausible). Records for children aged < 12 months included in analysis. Currently Breastfed and Ever Breastfed codes are combined. < 10% or > 95% of combined field values = 19 (yes, unknown or not applicable) or 1blank (yes, unknown or not applicable) or 21 (no, yes).

**Low/High Standard Deviations:** Not applicable to this field.



**Unusual Data Distributions:**

2) Currently Breastfed is coded blank or 9 (unknown) and Ever Breastfed is not coded blank or 9 (unknown or not applicable).  
3) Ever Breastfed is not coded 1 (yes) and Length of Time Breastfed is coded 00–96.  
*Percent Ever Breastfed Consistent Across Age Ranges:* Date of Visit, Date of Birth, and this field are compared. Ratio of the percent ever breastfed in the second 6 months of infancy to the percent ever breastfed in the first 6 months < 0.9 or > 1.1 (a ratio of 1.0 is expected). Records for children aged <12 months included in analysis.  
Currently Breastfed and Ever Breastfed codes are combined. < 10% or > 95% of combined field values = 19 (yes, unknown or not applicable) or 21 (no, yes).

**Low/High Standard Deviations:** Not applicable to this field.

### 33. Length of Time Breastfed

Record Positions 166–167  
Core Field For Children < 24  
Months of Age

#### Definition

This field only applies to children < 24 months of age who are not currently breastfed (field 31 is coded '2'), but who were ever breastfed (field 32 is coded '1'). It indicates the number of weeks the child was breastfed (age in weeks when breastfeeding was completely stopped). Convert days to weeks and months to weeks as in the codes below.

Rationale: Breast milk is the most complete form of nutrition for infants, with a range of benefits for infants' health, growth, immunity, and development. This item is used to evaluate breastfeeding promotion interventions and monitor breastfeeding trends. A national health objective calls for an increase in the proportion of mothers who breastfeed their babies.

Suggested wording of question: How old was this child when he/she *completely stopped* breastfeeding or being fed breast milk? (Source: National Health and Nutrition Examination Survey III)

#### Codes

##### Acceptable Values

0–95	=	Weeks breastfed
96	=	96+ weeks breastfed
Blanks or 99	=	Unknown, or not applicable; infant is currently breastfed or never breastfed

##### *To convert days to weeks:*

< 4 days	=	00 weeks
4–10 days	=	01 week
11–17 days	=	02 weeks
18–24 days	=	03 weeks
25–31 days	=	04 weeks
32–38 days	=	05 weeks
39–45 days	=	06 weeks

##### *To convert months to weeks:*

1 month	=	04 weeks	13 months	=	56 weeks
2 months	=	09 weeks	14 months	=	61 weeks
3 months	=	13 weeks	15 months	=	65 weeks
4 months	=	17 weeks	16 months	=	69 weeks
5 months	=	22 weeks	17 months	=	74 weeks
6 months	=	26 weeks	18 months	=	78 weeks
7 months	=	30 weeks	19 months	=	82 weeks
8 months	=	35 weeks	20 months	=	87 weeks
9 months	=	39 weeks	21 months	=	91 weeks
10 months	=	43 weeks	22 months+	=	96 weeks+
11 months	=	48 weeks			
12 months	=	52 weeks			

**Example:** If the infant stopped breastfeeding completely at age 3 months (13 weeks), it would be recorded like this:

1	3
166	167

## Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report. Only records for children aged <24 months included in analysis.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Data for this field missing on > 10% of records. Excludes records where 1) Currently Breastfed=1 (yes) and 2) Currently Breastfed=2 (no) and Ever Breastfed=2 (no).
<b>Mis-Codes:</b>	Values other than acceptable as listed above.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	1) Currently Breastfed is not coded 2 (no) and Length of Time Breastfed is coded 00–96. 2) Ever Breastfed is not coded 1 (yes) and Length of Time Breastfed is coded 1–96.
<b>Unusual Data Distributions:</b>	Records contain no acceptable data other than zeroes in this field. Values for code 01 not greater than values for code 02 not greater than values for code 03. Sum of records with codes 08, 12, 16, 20, 24, 28, 32, 36, 40, 44, and 48 exceeds sum of other records with codes 04–52. <i>Breastfeeding Duration Exceeds Current Age of Child:</i> Date of Visit, Date of Birth, and this field are compared. Length of Time Breastfed exceeds child's current age in weeks) on > 2% of records. <i>Breastfeeding Duration Equals Current Age of Child:</i> Date of Visit, Date of Birth, and this field are compared. Length of Time Breastfed = child's current age in weeks on > 5% of records (< 4% of children are weaned at exactly their current age, this week). Records for children aged 6 to <24 months included in analysis.
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 34. Date of Most Recent Breastfeeding Response

Record Positions 168–175

Core Field *For Children*  
*< 24 Months of Age*

### Definition

This field is reported for children *< 24 months of age*. It indicates the date the breastfeeding information in fields 31–33 was collected.

Rationale: This item is used to calculate the child's age when breastfeeding status is assessed, in conjunction with Date of Birth, to establish breastfeeding duration when the child is currently breastfed.

### Codes

#### Acceptable Values

Month = 01–12  
 Day = 01–31  
 Year = All four digits  
 All blanks or all 9s = Unknown

Example: If the date breastfeeding data is collected is May 27, 2003, it would be recorded like this:

M	M	D	D	Y	Y	Y	Y
0	5	2	7	2	0	0	3
168	169	170	171	172	173	174	175

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records for children < 24 months of age.
Mis-Codes:	Field contains all zeroes or non-numeric characters, excluding blanks. After excluding values of all blanks or all 9s, Month is '99', blanks, Hex '00', < 01 or > 12; Day is < 01 or > maximum days for month; Year is '9999', blanks, or Hex '0000'.
BIVs:	Not applicable to this field.
Cross-Check Errors:	Not applicable to this field.
Unusual Data Distributions:	On annual data sets, Month and Day values should be evenly distributed (quantity of values for Month should be total records/12 ± 20%; quantity of values for Day should be values for total records/30 ± 20%).
Low/High Standard Deviations:	Not applicable to this field.

## 35. Introduction to Supplementary Feeding

Record Positions 176–177  
Supplementary Field For  
*Children < 24 Months of Age*

### Definition

This field only applies if the child was ever breastfed. It indicates the age of the child (in weeks) when he or she was first fed something other than breast milk. This field is reported for children < 24 months of age. Convert days to weeks and months to weeks as in the codes below.

Rationale: This field is used to monitor infant feeding patterns and to evaluate breastfeeding exclusivity.

Suggested wording of question: How old was this child when he/she was first fed something other than breast milk? (Source: Breastfeeding Promotion Consortium, 2003)

### Codes

#### Acceptable Values

00–30	=	Age in weeks
31	=	31+ weeks of age
77	=	Child has not been fed anything other than breast milk
Blanks or 99	=	Unknown or not applicable; child never breastfed

#### *To convert days to weeks:*

< 4 days	=	00 weeks
4–10 days	=	01 week
11–17 days	=	02 weeks
18–24 days	=	03 weeks
25–31 days	=	04 weeks
32–38 days	=	05 weeks
39–45 days	=	06 weeks

#### *To convert months to weeks:*

1 month	=	04 weeks
2 months	=	09 weeks
3 months	=	13 weeks
4 months	=	17 weeks
5 months	=	22 weeks
6 months	=	26 weeks
7 months	=	30 weeks

Example: If the mother started any supplemental formula when the infant was 4 weeks old, it would be recorded like this:

<hr/>	
0	4
<hr/>	
176	177

## Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

<b>Critical Errors:</b>	<b>Not applicable to this field.</b>
<b>Missing Data:</b>	<b>Data for this field missing on &gt; 10% of records for children &lt; 24 months of age. (if contributor submits data for this field).</b>
<b>Mis-Codes:</b>	<b>Values other than acceptable as listed above.</b>
<b>BIVs:</b>	<b>Not applicable.</b>
<b>Cross-Check Errors:</b>	<b>Not applicable to this field.</b>
<b>Unusual Data Distributions:</b>	<b>Records contain no acceptable data other than zeroes.</b>
<b>Low/High Standard Deviations:</b>	<b>Not applicable to this field.</b>

## **BEHAVIORAL INDICATORS**

## 36. TV Viewing

Record Position 178  
Supplemental Field  
*For Children  $\geq$  24 Months of Age*

### Definition

This field estimates the amount of time children aged  $\geq 2$  years spend viewing television.

**Rationale:** This field is used to assess the amount of time children aged  $\geq 2$  years spend viewing television, including videotapes and DVDs. A national health objective calls for an increase in the proportion of children aged 8–16 years who view TV  $\leq 2$  hours per day. The American Academy of Pediatrics recommends that parents be encouraged to limit their children's TV viewing to no more than 1–2 hours per day. Viewing TV  $> 5$  hours per day has been associated with overweight among older children.

**Suggested wording of question:** About how many hours did your child sit and watch television or videos yesterday? (Source: National Nutrition and Health Examination Survey IV)

### Codes

#### Acceptable Values

0	=	$> 0$ and $< 1$ hour/day
1	=	1 hour/day
2	=	2 hours/day
3	=	3 hours/day
4	=	4 hours/day
5	=	5+ hours/day
6	=	None
Blank or 9	=	Unknown

**Example:** If the child watched television 1 hour yesterday, it would be recorded like this:

1

178

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report. Records for children aged  $< 24$  months are excluded from analysis.

<b>Critical Errors:</b>	Not applicable to this field.
<b>Missing Data:</b>	Data for this field missing on $> 10\%$ of records for children $> 24$ months of age (if contributor submits data for this field).
<b>Mis-Codes:</b>	Values other than acceptable as listed above.
<b>BIVs:</b>	Not applicable to this field.
<b>Cross-Check Errors:</b>	Not applicable to this field.
<b>Unusual Data Distributions:</b>	Records contain no acceptable data other than zeroes.
<b>Low/High Standard Deviations:</b>	Not applicable to this field.

## 37. Household Smoking

Record Position 179  
Supplemental Field

### Definition

This field indicates whether anyone in the household currently smokes inside the home. Household is defined as the persons who live in the same physical home as the child.

Rationale: Secondary smoke is a risk factor associated with poor growth in young children. A national health objective calls for a reduction in the proportion of children who are regularly exposed to tobacco smoke at home.

Suggested wording of question: Does anyone living in your household smoke inside the home? (Source: Modified from the National Nutrition and Health Examination Survey III)

### Codes

#### Acceptable Values

1	=	Yes, someone smokes inside the home
2	=	No, no one smokes inside the home
Blank or 9	=	Unknown

Example: If no one in the household smokes inside the home, it would be recorded like this:

\_\_\_\_\_  
2  
\_\_\_\_\_

179

### Edits

Errors that occur in this field above an established threshold will show up in the PedNSS Summary of Record Volume and Data Quality report.

Critical Errors:	Not applicable to this field.
Missing Data:	Data for this field missing on > 10% of records (if contributor submits data for this field).
Mis-Codes:	Values other than acceptable as listed above; zero values listed separately in report.
BIVs:	Not applicable to this field.
Cross Check Errors:	Not applicable to this field.
Unusual Data Distribution:	Values for code 2 > 90%.
Low/High Standard Deviations:	Not applicable to this field.

## **FUTURE EXPANSION**

## 38. Future Expansion

Record Positions 180–209

### Definition

This field provides 30 extra positions for future expansion.

Rationale: This field offers CDC flexibility to add new data items to meet emerging nutrition surveillance needs.

### Codes

#### Acceptable Values

Not defined.

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180 181 182 183 184 185 186 187 188 189 190 191 192 193 194

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195 196 197 198 199 200 201 202 203 204 205 206 207 208 209

### Edits

Not defined.

## **CONTRIBUTOR USE**

## 39. Contributor Use

Record Positions 210+  
Contributor Use Field

### Definition

This field can be used for codes that are unique to and defined by the individual PedNSS contributors. Please coordinate the use of this field with CDC.

Rationale: This field offers states, U.S. territories, and tribal governments the flexibility of reporting additional, self-defined nutrition surveillance data items. Simple analyses may be supported by CDC.

### Codes

#### Acceptable Values

Defined by state, U.S. territory, or tribal government.

\_\_\_\_\_

\_\_\_\_\_

210+

### Edits

Not applicable to this field.

## APPENDIX A STATE CODES

<u>STATE</u>	<u>CODE</u>
Alabama	AL
Alaska	AK
Arizona	AZ
Arkansas	AR
California	CA
Colorado	CO
Connecticut	CT
Delaware	DE
District of Columbia	DC
Florida	FL
Georgia	GA
Hawaii	HI
Idaho	ID
Illinois	IL
Indiana	IN
Iowa	IA
Kansas	KS
Kentucky	KY
Louisiana	LA
Maine	ME
Maryland	MD
Massachusetts	MA
Michigan	MI
Minnesota	MN
Mississippi	MS
Missouri	MO
Montana	MT
Nebraska	NE
Nevada	NV
New Hampshire	NH
New Jersey	NJ
New Mexico	NM
New York	NY
North Carolina	NC
North Dakota	ND
Ohio	OH
Oklahoma	OK
Oregon	OR

<u>STATE</u>	<u>CODE</u>
Pennsylvania	PA
Puerto Rico	PR
Rhode Island	RI
South Carolina	SC
South Dakota	SD
Tennessee	TN
Texas	TX
Utah	UT
Vermont	VT
Virginia	VA
Virgin Islands	VI
Washington	WA
West Virginia	WV
Wisconsin	WI
Wyoming	WY

#### STATE/SUBSTATE CODES FOR TRIBAL GOVERNMENTS

<u>TRIBAL GOVERNMENT</u>	<u>CODE</u>
Arizona Inter-tribal Council	XAZ
Cherokee, OK	XOK
Cheyenne River, SD	XSC
Chickasaw Nation, OK	XOI
Choctaw, MS	XMS
Choctaw, OK	XOT
Navajo Nation	XNA
NIITDC, NE	XNE
Rosebud Sioux, SD	XSR
Shoshone/Arapaho, WY	XWY
Standing Rock, ND	XNS
Three Affiliated Tribes, ND	XNT
Wichita/Caddo, OK	XOW

## APPENDIX B CONVERSION TABLE

### FIELD 21 Birthweight—English

<u>BIRTH WEIGHT (Fraction of Pounds)</u>	<u>Acceptable Ounces</u>
0/16	00 oz
1/16	01 oz
2/16, 1/8	02 oz
3/16	03 oz
4/16, 2/8, 1/4	04 oz
5/16	05 oz
6/16, 3/8	06 oz
7/16	07 oz
8/16, 4/8, 2/4, 1/2	08 oz
9/16	09 oz
10/16, 5/8	10 oz
11/16	11 oz
12/16, 6/8, 3/4	12 oz
13/16	13 oz
14/16, 7/8	14 oz
15/16	15 oz
16/16, 8/8, 4/4, 2/2	00 oz (Add one to whole pounds.)

### FIELD 23 Height—English

<u>HEIGHT (Fraction of Inches)</u>	<u>Acceptable Fraction</u>
0/16, 1/16	0/8 in
2/16, 1/8, 3/16	1/8 in
4/16, 2/8, 1/4, 5/16	2/8 in
6/16, 3/8, 7/16	3/8 in
8/16, 1/2, 2/4, 4/8, 9/16	4/8 in
10/16, 5/8, 11/16	5/8 in
12/16, 3/4, 6/8, 13/16	6/8 in
14/16, 7/8, 15/16	7/8 in
16/16, 8/8, 4/4, 2/2	0/8 in (Add one to whole inches.)

**FIELD 25**  
**Weight—English**

**WEIGHT (Fraction of Pounds)**

**Acceptable Fraction**

0/16, 1/16, 2/16, 1/8	0/4 lbs
3/16, 4/16, 2/8, 1/4, 5/16, 6/16, 3/8	1/4 lbs
7/16, 8/16, 1/2, 2/4, 4/8, 9/16	2/4 lbs
10/16, 5/8, 11/16, 12/16, 3/4, 6/8, 13/16	3/4 lbs
14/16, 7/8, 15/16, 16/16, 8/8, 4/4, 2/2,	0/4 lbs (Add one to whole pounds.)

**Weight (Ounces)**

**Acceptable Fraction**

00, 01, 02	0/4 lbs
03, 04, 05, 06	1/ 4 lbs
07, 08, 09	2/4 lbs
10, 11, 12, 13	3/4 lbs
14, 15,16	0/4 lbs (Add one to whole pounds)